

Aero Design Ltd.**Work Order Control Sheet****Work Order#:** 2017-71 **Date Opened:** 13 April 2017 **Title:** Fabrication**Aircraft OEM:** Eurocopter **Aircraft Model:** AS350/AS355 **Product Type:** Extended Maint. Step **Product Model:** RH **Quantity:** 2**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)
Additional Work Sheets (Standard Practice)
Drawings (See List Below)
Parts Distribution Sheet
Sub Component Tags
Completed Certification (Original)
Time Sheet (R&D)
Notes

Initial or N/A

N/A
N/A
JC
JC
N/A
JC
N/A
N/A

Build Sheet Contents

Tasks Initialled
Dual Inspections Initialled

Initial or N/A

N/A
N/A

Drawing List

Drawing #	Rev #	Description	Initial or N/A
82711	1	Extended Step Ass'y	JC

Traveller

Cut stock for machining
Machine brackets
Cut extrusion
Cut end caps
Insert helicoils
Weld brackets and caps
Inspection

Initial or N/A

PCW
PCW
JC
PCW
JC
DM
JR

Component Completion

Quantity Complete on This Work Order
Quantity Incomplete on This Work Order
Further Processing Required Before Release
Release to Stock as Components

As Instructed

0
10 LH
N/A
see below

Certification

Form One Completed
Serviceable (Green) Tag Completed
In Process (Yellow) Tag Completed
Unserviceable (Red) Tag Completed
Parts tracking (White) Tag Completed
Parts Placed in Stores for Distribution

Initial or N/A

JC
N/A
JC
N/A
N/A
JC

Additional Documentation

Documentation of a minor change
Non-Conformance Report Required
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

Billing

Local (Aero Design)
Research and Development
Third Party

Initial or N/A

JC
N/A
N/A

Paint/Powder Coat
Assembly
Final Inspection

Initial or N/A

JC
JR
JC

Work performed by:

Print: J. Clarke

Sign: *J. Clarke*SCA: AD02Date: 09-Aug-17

ICC / Dual Inspection performed by:

Print: N/A

Sign: SCA: Date:

Work Order closed by:

Print: J. Clarke

Sign: *J. Clarke*SCA: AD02Date: 09-Aug-17

Approved Manufacturing Facility 73-04

Form 201003

Rev. Original 23 Sep 2014



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82720-02

Aircraft: Multiple

Model: Multiple

Description: RH Step End

Supplier: Aero Design

Color: N/A

WO#: 2016-12

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82720-02

Aircraft: Multiple

Model: Multiple

Description: RH Step End

Supplier: Aero Design

Color: N/A

WO#: 2016-12

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82720-03

Aircraft: Multiple

Model: Multiple

Description: Step Bracket

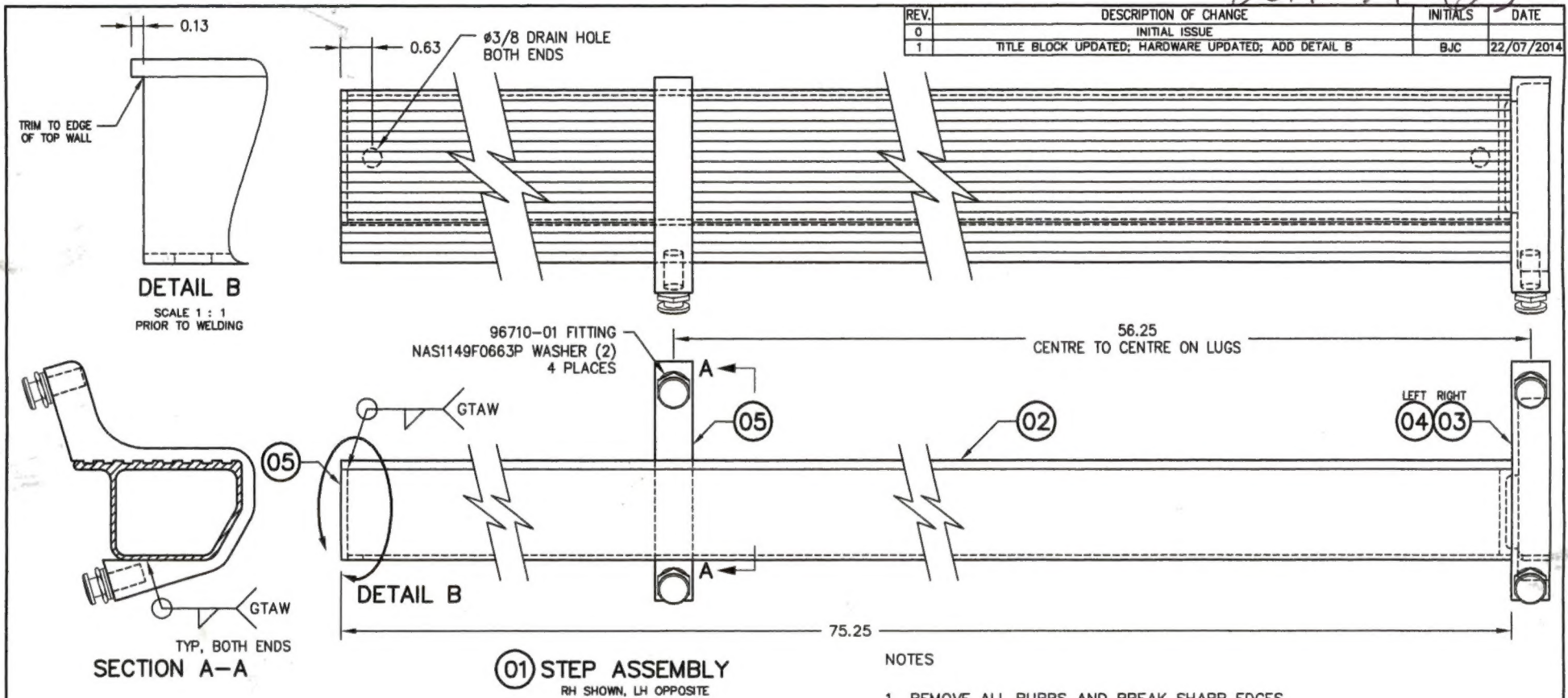
Supplier: Aero Design

Color: N/A

WO#: 2016-12

PO# N/A

2017-71 (2)



REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; HARDWARE UPDATED; ADD DETAIL B	BJC	22/07/2014

NOTES

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. WELDING OF 6061 ALUMINUM TO BE COMPLETED BY GTAW METHOD TO AMS2685C. WELDING ROD SHALL CONFORM TO ANSI/AWS ER4043.
3. ALL ALUMINUM PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY. TREAD AREA IS TO BE PAINTED WITH RANDOLPH X1567 WINGWALK GRIP PAINT OR EQUIVALENT AFTER POWDER COATING.

8	8	NAS1149F0663P	WASHER	
4	4	96710-01	FITTING	ALT: ANCR4 40088-14
1	1	82720-04	05	CAP
1	1	82720-03	04	STEP BRACKET
1		82720-02	03	STEP END (LEFT)
	1	82720-01	03	STEP END (RIGHT)
A/R	A/R	78230	02	STEP EXTRUSION
		82711-01-02	01	LEFT STEP ASSEMBLY
		82711-01-01	01	RIGHT STEP ASSEMBLY
-02	-01	PART NO.	ITEM	DESCRIPTION MATERIAL
QTY	QTY	LIST OF MATERIALS		

NOTICE
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APPROVALS	DATE
DRAWN: JEFF CLARKE	16 JAN 2012
CHECKED: E. BURGOIN	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	

 AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.468.8376 www.aerodesign.ca		EUROCOPTER AS350 & AS355 SERIES	
		QUICK RELEASE STEP EXTENDED STEP ASSEMBLY	
SCALE 1: 2	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A3	82711	1

Aero Design

Parts Distribution Sheet

Aero Design
Parts Distribution Sheet
AS350 Ext. Maint step (2)
WO#

WO# 2017-71

[illegible]

[illegible]



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: AS350 Ext. Stop No. of pieces: 1

Manufacturer: Aero Design Ltd.

Part No.: 82711-01 Serial/Batch No.: NA

TTSN: NA TSO: NA Rem.: NA

Work Order No.: 2017-71

Remaining Tasks to be Performed: Inspect, powder coat,
apply wing walk.

Signature: David Prouty

Date: April 13/2017 Lic. No. / SCA AD-05

In Process



Aero Design Ltd.

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Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

In Process

Remarks

Painted/Wingwalk 23 Apr 17 Jasa Kahu ADO1



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 82720-03

Aircraft: Multiple

Model: Multiple

Description: Step Bracket

Supplier: Aero Design

Color: N/A

WO#: 2016-12

PO# N/A

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2017-0161
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2017-71
6. Item 1.	7. Description RH Ext. Maint. Step	8. Part Number 82711-01-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 24 Apr 2017		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

HEU AUSTRIA

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2017-0284
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2017-71
6. Item 1.	7. Description RH Ext. Maint. Step	8. Part Number 82711-01-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks Black					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 09 Aug 2017		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

WTS AVIATION

WO# _____

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Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: AS350 Ext. Step No. of pieces: 1

Manufacturer: Aero Design Ltd.

Part No.: 82711-01 Serial/Batch No.: NA

TTSN: NA TSO: NA Rem.: NA

Work Order No.: 2017-71

Remaining Tasks to be Performed: Inspect, powder coat,
apply wing walk. ✓

Signature: David Prarty

Date: April 13/2017 Lic. No. / SCA AD-05

In Process



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

In Process

Remarks

Powder coat complete PO 17043 AD92

PAINTED BLACK 01 AUG 17

APPLY WING WALK 02 AUG 17

dl
dl